

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A nanocarbon manufacturing apparatus comprising:

a generation chamber which generates nanocarbon;

a graphite target disposed in the generation chamber;

a light source which irradiates light onto a surface of the graphite target to generate nanocarbon that floats; and

a recovery chamber which is positioned to recover generated nanocarbon that floats up into the recovery chamber;

wherein a first moistening unit which moistens generated nanocarbon that have floated up into the recovery chamber is provided in said recovery chamber.

2. (canceled).

3. (Previously Presented): The nanocarbon manufacturing apparatus as set forth in claim 1, further comprising a carrier pipe which guides said nanocarbon into said recovery chamber.

4. (canceled).

5. (Previously Presented): The nanocarbon manufacturing apparatus as set forth in
any of claims 1,

wherein said moistening unit is a spray unit.

6. - 9. (canceled).

10. (Previously Presented): A nanocarbon manufacturing apparatus according to
claim 1, wherein a bottom face of said nanocarbon recovery chamber is inclined.

11. (new): A nanocarbon manufacturing apparatus comprising:
a generation chamber which generates nanocarbon;
a graphite target disposed in the generation chamber;
a light source which irradiates light onto a surface of the graphite target; and
a recovery chamber which recovers generated nanocarbon;
a carrier pipe guides the nanocarbon into the recovery chamber;
wherein a moistening unit which moistens generated nanocarbon is provided in
the recovery chamber,

wherein the light is irradiated onto the graphite target at a constant illuminating
angle relative to a surface of the graphite target, and

wherein the constant illuminating angle is such that a plume extends toward the
carrier pipe.

12. (new): A nanocarbon manufacturing apparatus according to claim 11, wherein the constant illuminating angle is 30 to 60 degrees.

13. (new): A nanocarbon manufacturing apparatus according to claim 1, wherein the recovery chamber is positioned such that a plume of nanocarbon in the generation chamber extends toward the recovery chamber.

14. (new): A nanocarbon manufacturing apparatus according to claim 1, wherein the recovery chamber is positioned above the generation chamber.